

## SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: January 22

**PRODUCT:** Robertson's Steel Frame Glazing Oil Putty (Grey)

**Other Names:** Steel Frame Linseed Oil Putty

**Uses:** Glazing steel frame windows

**Signal Word:** None

<b>UN No.:</b>	None
<b>Dangerous Goods Class:</b>	None
<b>Subsidiary Risk:</b>	None
<b>Packing Group:</b>	None
<b>Hazchem Code:</b>	None
<b>Poisons Schedule:</b>	None

<b>Hazard Category:</b>	This product is classified as not hazardous in accordance with GHS criteria in Australia	
<b>Hazard Statement:</b>	Not hazardous	
<b>GHS Classification:</b>	No GHS Hazard Classification applies	
<b>Physical Characteristics (Typical)</b>		<b>Section 9 of the SDS</b>
Appearance	Grey coloured semi solid putty	
Boiling Point/Range (°C):	Not Available	
Flash Point (°C):	Not applicable	
Specific Gravity/Density (g/ml @ 15°C):	Approximately 2.2	
pH:	No data available	
Chemical Stability:	Stable at room temperature and pressure	
Reactivity:	Excessive heat, oxidising agents, and sources of ignition	
<b>Product Ingredients</b>		<b>Section 3 of the SDS</b>
<b>Ingredient</b>	<b>CAS Number</b>	<b>Proportion</b>
Calcium Carbonate	1317-65-3	80-90%
Linseed Oil	8001-26-1	10-15%
White Spirits	64742-82-1	<1%
For further ingredients information, please refer to the full MSDS		
<b>GHS Pictograms</b>		<b>Section 2 of the SDS</b>

### DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

### 1. IDENTIFICATION

**Product Name:** Robertson's Steel Frame Glazing Oil Putty (Grey)  
**Other Names:** Steel Frame Linseed Oil Putty  
**Recommended Use:** Glazing steel frame windows  
**Supplier:** Robertson's Paints Pty Ltd.  
**ABN:** 36 122 588 130  
**Address:** 6 Christie Street, St Marys NSW 2760  
PO Box 263, St Marys NSW 1790  
**Telephone:** +61 2 9623 4022 (Business hours)  
**Fax:** +61 2 9673 1460  
**Emergency Phone:** +61 410 453 403 (After Hours)

### 2. HAZARDS IDENTIFICATION

#### Hazard Category

This product is classified as not hazardous in accordance with GHS criteria in Australia

#### GHS Classification

No GHS Hazard Classification applies

#### GHS Pictograms

#### Hazard Statement

Not hazardous

#### Hazard Statements

Not hazardous

#### Precautionary Statements

Not hazardous

**Dangerous Goods Classification:** None

**Poisons Schedule:** None

**Signal Word:** None

### 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Calcium Carbonate	1317-65-3	80-90%
Linseed Oil	8001-26-1	10-15%
White Spirits	64742-82-1	<1%
Naphtha, Petroleum, Hydrodesulfurized Heavy	64742-82-1	<1%
Solvent Naphtha (petroleum) Light Aromatic	64742-95-6	<1%
Ingredients determined not to be hazardous	Not Available	Balance to 100%

### 4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 11 26) or a doctor.

#### Ingestion

If swallowed, DO NOT induce vomiting. Give a glass of water. Keep at rest. Seek immediate medical attention.

#### Eye Contact

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

#### Skin Contact

Wash area with water soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

#### Inhalation

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

#### First Aid Facilities

Provide eye baths and safety showers.

#### Medical Attention

Treat according to symptoms.

### 5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

#### Suitable Extinguishing Media

If material is involved in a fire use water fog, fine water spray, foam or dry agent

#### Hazards from combustion products

Combustible material

#### Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus

**Hazchem Code**

None

**6. ACCIDENTAL RELEASE MEASURES****Emergency Procedures**

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

**Methods and materials for containment*****Major Land Spill***

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”

***Major Water Spill***

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

This product is combustible. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Use grounding leads to avoid discharge (electrical spark).

**Conditions for Safe Storage**

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are combustible. This product will fuel a fire in progress.

**Incompatible Materials**

Oxidising agents

**8. EXPOSURE CONTROLS: PERSONAL PROTECTION****National Exposure Standards**

The time weighted average concentration (TWA) for this product is: 10 mg/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where None applies in this case.

**Biological Limit Values (BLV)**

No data available

**Engineering Controls: Ventilation**

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

**Personal Protective Equipment**

**Respiratory Protection:** Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

**Eye Protection:** Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection:** Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Grey coloured semi solid putty
Boiling Point/Range	°C	Not Available
Flash Point	°C	Not applicable
SG/Density (@ 15°C)	g/ml; kgm <sup>-3</sup>	Approximately 2.2
Vapour Pressure @ 20°C	kPa	No data available
Vapour Density @ 20°C	g/ml; kgm <sup>-3</sup>	No data available
Autoignition Temperature	°C	No data available
Explosive Limits in Air	% vol/vol	No data available - No data available
Viscosity @ 20°C	cPs, mPas	No data available
Percent volatiles	% vol/vol	No data available
Acidity/alkalinity as pH	None	No data available
Solubility in Water	g/l	Miscible with water
Other solvents	-	Alcohols

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

## 10. STABILITY AND REACTIVITY

**Chemical stability**

Stable at room temperature and pressure

**Conditions to avoid**

Excessive heat, oxidising agents, and sources of ignition

**Hazardous decomposition products**

Carbon monoxide, carbon dioxide, other complexes on incomplete burning or oxidation

**Hazardous reactions**

None established

**Hazardous polymerisation**

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### **Ingestion**

This product is likely to cause discomfort on swallowing and may result in gastric disturbance and soft tissue irritation.

#### **Eye Contact**

Eye contact with this product may cause discomfort, but will be relieved with First Aid.

#### **Skin Contact**

Contact with this product may result in mild irritations evidenced by itchiness, redness, and dryness of the affected area.

#### **Inhalation**

Mists of this product may be uncomfortable on inhalation. Vapours are unlikely to be apparent except at elevated temperatures.

### Chronic Effects

This product has been classified as non-hazardous

### Other Health Effects Information

Persons with pre-existing skin or respiratory conditions may be sensitive to this product.

### Toxicological Information

Oral LD<sub>50</sub>: Not determined

Dermal LD<sub>50</sub>: Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Aquatic Toxicity:**

Fish Toxicity LC<sub>50</sub>: No information available

Daphnia Magna EC<sub>50</sub>: No information available

Blue-green algae: No information available

Green algae: No information available

**Persistence/Biodegradability:** No information available

**Mobility:** This product will be mobile on release to the environment, risking contamination of waterways, soils and grasslands

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

### Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

## 14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	None	UN No.	None	UN No.	None
Proper Shipping Name	N/A	Proper Shipping Name	N/A	Proper Shipping Name	N/A

<b>DG Class</b>	None	<b>DG Class</b>	None	<b>DG Class</b>	None
<b>Sub. Risk</b>	None	<b>Sub. Risk</b>	None	<b>Sub. Risk</b>	None
<b>Packing Group</b>	None	<b>Packing Group</b>	None	<b>Packing Group</b>	None
<b>Hazchem</b>	None	<b>Hazchem</b>	None	<b>Hazchem</b>	None

**Dangerous Goods Segregation**

This product is not regulated for transport by Road and Rail.

## 15. REGULATORY INFORMATION

**Country/Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** None

## 16. OTHER INFORMATION

**Reasons for Issue:** Upgrade to GHS SDS format; amalgamated supplier and regulatory changes in all sections.

**Abbreviations:**

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

GHS: Global Harmonised System

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

UN: United Nations

**References:**

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (January 22)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (January 22)
- Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm) (January 22)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Robertson's Paints Pty Ltd.